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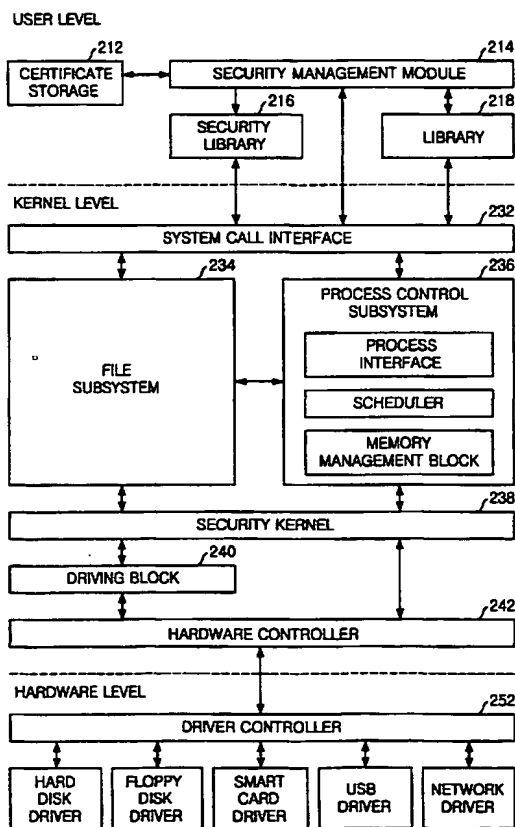
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(54) Title: **METHOD AND APPARATUS FOR PROTECTING FILE SYSTEM BASED ON DIGITAL SIGNATURE CERTIFICATE**



(57) Abstract: Method and apparatus for protecting file system is disclosed. The method for the protecting file system includes the steps of: a) generating first digital signature keys and a system security manager's certificate for a system security manager; b) storing system security manager's certificate onto a security kernel when installing an operating system on a server computer; c) generating second digital signature keys and user's certificate for a general user; d) setting an access authority of the file system; e) identifying a user through a digital signature authentication method when the user tries to access the file system; and f) giving the user the access authority for the file in accordance with identification result.

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